

=> d hist full

(FILE 'HOME' ENTERED AT 08:49:09 ON 28 JUN 2007)

FILE 'REGISTRY' ENTERED AT 08:49:36 ON 28 JUN 2007

SET LINE 250  
SET DETAIL OFF  
E "GLYCOSYLTRANSFERASE"/CN 25  
SET NOTICE 1000 SEARCH  
L1 1 SEA ABB=ON PLU=ON GLYCOSYLTRANSFERASE/CN  
SET NOTICE 1 DISPLAY  
SET LINE LOGIN  
SET DETAIL LOGIN  
DIS L1 1 IDE  
SET NOTICE LOGIN DISPLAY  
SET NOTICE LOGIN SEARCH  
SEL L1 CHEM

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 08:50:36 ON 28 JUN 2007  
SEA E1-10

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102 FILE ADISCTI  
103 FILE ADISINSIGHT  
1 FILE ADISNEWS  
655 FILE AGRICOLA  
43 FILE ANABSTR  
4 FILE ANTE  
41 FILE AQUASCI  
418 FILE BIOENG  
4830 FILE BIOSIS  
855 FILE BIOTECHABS  
855 FILE BIOTECHDS  
2788 FILE BIOTECHNO  
801 FILE CABA  
6649 FILE CAPLUS  
162 FILE CEABA-VTB  
20 FILE CIN  
116 FILE CONFSCI  
4 FILE CROPU  
137 FILE DDFB  
101 FILE DDFU  
4664 FILE DGENE  
294 FILE DISSABS  
137 FILE DRUGB  
119 FILE DRUGU  
42 FILE EMBAL  
5657 FILE EMBASE  
3290 FILE ESBIOBASE  
91 FILE FROSTI  
929 FILE FSTA  
4977 FILE GENBANK  
607 FILE IFIPAT  
5 FILE IMSDRUGNEWS  
4 FILE IMSRESEARCH  
1 FILE KOSMET  
1441 FILE LIFESCI  
4333 FILE MEDLINE  
19 FILE NTIS  
5 FILE OCEAN  
7184 FILE PASCAL  
55 FILE PCTGEN

5 FILE PHAR  
1 FILE PHARMAML  
7 FILE PHIN  
50 FILE PROMT  
10 FILE PROUSDDR  
4700 FILE SCISEARCH  
1583 FILE TOXCENTER  
2947 FILE USPATFULL  
427 FILE USPAT2  
2 FILE WATER  
610 FILE WPIDS  
6 FILE WPIFV  
610 FILE WPINDEX

L2 QUE ABB=ON PLU=ON ("CARBOHYDRATE TRANSFERASE"/BI OR GLYCOSYLT  
RANSFERASE/BI OR N-GLYCOSYLTRANSFERASE/BI OR O-GLYCOSYLTRANSFER  
ASE/BI OR TRANSGLYCOSIDASE/BI OR TRANSGLYCOSYLASE/BI OR  
"TRANZYME L-500"/BI OR UDP-GLYCOSYLTRANSFERASE/BI OR 145137-60-  
6/BI OR 9033-07-2/BI)

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SEA L2 AND (COMPETITIVE (5A) INHIBIT####)

2 FILE ADISINSIGHT  
5 FILE AGRICOLA  
4 FILE BIOENG  
46 FILE BIOSIS  
5 FILE BIOTECHABS  
5 FILE BIOTECHDS  
22 FILE BIOTECHNO  
4 FILE CABA  
52 FILE CAPLUS  
1 FILE CEABA-VTB  
4 FILE DDFU  
11 FILE DISSABS  
9 FILE DRUGU  
45 FILE EMBASE  
40 FILE ESBIOBASE  
1 FILE FROSTI  
9 FILE FSTA  
1 FILE GENBANK  
5 FILE IFIPAT  
1 FILE IMSDRUGNEWS  
1 FILE IMSRESEARCH  
12 FILE LIFESCI  
45 FILE MEDLINE  
68 FILE PASCAL  
1 FILE PROMT  
36 FILE SCISEARCH  
7 FILE TOXCENTER  
464 FILE USPATFULL  
86 FILE USPAT2  
5 FILE WPIDS  
5 FILE WPINDEX

L3 QUE ABB=ON PLU=ON L2 AND (COMPETITIVE (5A) INHIBIT####)

-----  
SEA L3 AND BIND##

1 FILE ADISINSIGHT  
1 FILE AGRICOLA  
11 FILE BIOSIS  
3 FILE BIOTECHABS  
3 FILE BIOTECHDS  
9 FILE BIOTECHNO  
13 FILE CAPLUS  
1 FILE CEABA-VTB

1 FILE DDFU  
8 FILE DISSABS  
3 FILE DRUGU  
18 FILE EMBASE  
17 FILE ESBIOBASE  
3 FILE FSTA  
1 FILE GENBANK  
3 FILE IFIPAT  
4 FILE LIFESCI  
15 FILE MEDLINE  
12 FILE PASCAL  
14 FILE SCISEARCH  
457 FILE USPATFULL  
84 FILE USPAT2  
3 FILE WPIDS  
3 FILE WPINDEX

L4 QUE ABB=ON PLU=ON L3 AND BIND###

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D RANK  
SEA L2 (S) (COMPETITIVE (3A) INHIBIT###)

1 FILE AGRICOLA  
3 FILE BIOENG  
6 FILE BIOSIS  
4 FILE BIOTECHABS  
4 FILE BIOTECHDS  
15 FILE BIOTECHNO  
2 FILE CABA  
10 FILE CAPLUS  
1 FILE CEABA-VTB  
3 FILE DDFU  
5 FILE DISSABS  
4 FILE DRUGU  
4 FILE EMBASE  
12 FILE ESBIOBASE  
1 FILE FROSTI  
3 FILE FSTA  
1 FILE GENBANK  
3 FILE IFIPAT  
1 FILE IMSDRUGNEWS  
1 FILE IMSRESEARCH  
9 FILE LIFESCI  
7 FILE MEDLINE  
1 FILE PASCAL  
4 FILE SCISEARCH  
14 FILE USPATFULL  
1 FILE USPAT2  
1 FILE WPIDS  
1 FILE WPINDEX

L5 QUE ABB=ON PLU=ON L2 (S) (COMPETITIVE (3A) INHIBIT###)

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SEA L5 (S) BIND##

2 FILE BIOTECHABS  
2 FILE BIOTECHDS  
3 FILE BIOTECHNO  
1 FILE CEABA-VTB  
2 FILE DISSABS  
4 FILE ESBIOBASE  
1 FILE FSTA  
1 FILE GENBANK  
4 FILE LIFESCI  
3 FILE USPATFULL

L6 QUE ABB=ON PLU=ON L5 (S) BIND##

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D RANK

FILE 'ESBIOBASE, LIFESCI, BIOTECHNO, USPATFULL, BIOTECHDS, DISSABS, CEABA-VTB, FSTA' ENTERED AT 09:28:50 ON 28 JUN 2007

L7 20 SEA ABB=ON PLU=ON L6  
L8 15 DUP REM L7 (5 DUPLICATES REMOVED)  
L9 10 SEA ABB=ON PLU=ON L8 NOT PY>2003  
D L9 IBIB ABS 1-10  
L10 5 SEA ABB=ON PLU=ON L2 (S) (DONOR (3A) DISPLACE####)  
D RANK

FILE 'ESBIOBASE, LIFESCI, BIOTECHNO, USPATFULL, BIOTECHDS, DISSABS, CEABA-VTB, FSTA' ENTERED AT 09:40:57 ON 28 JUN 2007

L11 5 SEA ABB=ON PLU=ON L10  
L12 0 SEA ABB=ON PLU=ON L11 NOT PY>2003

FILE 'REGISTRY' ENTERED AT 09:42:45 ON 28 JUN 2007

L13 1 SEA ABB=ON PLU=ON 60976-26-3/RN  
SET NOTICE 1 DISPLAY  
DIS L13 1 IDE  
L14 1 SEA ABB=ON PLU=ON 9030-14-2/RN  
DIS L14 1 IDE  
SET NOTICE LOGIN DISPLAY

FILE 'CAPPLUS' ENTERED AT 09:44:01 ON 28 JUN 2007

S 9030-14-2/REG# (S) (COMPETITIVE (3A) INHIBIT###)

FILE 'REGISTRY' ENTERED AT 09:44:52 ON 28 JUN 2007

L15 1 SEA ABB=ON PLU=ON 9030-14-2/RN

FILE 'CAPPLUS' ENTERED AT 09:44:52 ON 28 JUN 2007

L16 22 SEA ABB=ON PLU=ON L15  
L17 0 SEA ABB=ON PLU=ON L16 (S) (COMPETITIVE (3A) INHIBIT###)

FILE 'CAPPLUS' ENTERED AT 09:46:19 ON 28 JUN 2007

L18 10 SEA ABB=ON PLU=ON 9030-14-2/BIOL,ANST  
L19 0 SEA ABB=ON PLU=ON L18 AND (COMPETITIVE (3A) INHIBIT###)  
L20 0 SEA ABB=ON PLU=ON L18 AND (DONOR (3A) DISPLACE###)  
L21 52 SEA ABB=ON PLU=ON 60976-26-3/BIOL,ANST  
L22 1 SEA ABB=ON PLU=ON L21 AND (COMPETITIVE (3A) INHIBIT###)  
L23 1 SEA ABB=ON PLU=ON L21 AND (DONOR (3A) DISPLACE###)  
D L22 IBIB ABS  
D L23 IBIB ABS

L13 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 60976-26-3 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Acetylglucosaminyltransferase, uridine diphosphoacetylglucosamine-acetylmuramoylpentapeptide pyrophospholipid (CA INDEX NAME)  
OTHER NAMES:  
CN E.C. 2.4.1.227  
CN Gene murG enzyme  
CN Gene murG proteins  
CN Lipid I acetylglucosaminyltransferase  
CN MurG glycosyltransferase  
CN Proteins, gene murG  
CN Proteins, gene murG  
CN UDP-acetylglucosamine-acetylmuramoylpentapeptide pyrophospholipid acetylglucosaminyltransferase  
MF Unspecified  
CI MAN  
LC STN,Files: CA, CAPLUS, CASREACT, TOXCENTER, USPAT2, USPATFULL

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

55 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

56 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L14 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 9030-14-2 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Glucosyltransferase, uridine diphosphoglucose-deoxyribonucleate  $\beta$ -  
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN DNA  $\beta$ -glucosyltransferase  
CN DNA hydroxymethylcytidine  $\beta$ -glucosyltransferase  
CN E.C. 2.4.1.27  
CN UDP glucose-DNA  $\beta$ -glucosyltransferase  
CN Uridine diphosphoglucose-deoxyribonucleate  $\beta$ -glucosyltransferase  
MF Unspecified  
CI MAN  
LC STN Files: BIOSIS, CA, CAPLUS

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

22 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

22 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN  
RN 9033-07-2 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN Glycosyltransferase (CA INDEX NAME)  
OTHER NAMES:  
CN Carbohydrate transferase  
CN N-Glycosyltransferase  
CN O-Glycosyltransferase  
CN Transglycosidase  
CN Transglycosylase  
CN Tranzyme L-500  
CN UDP-Glycosyltransferase  
DR 145137-60-6  
MF Unspecified  
CI MAN  
LC STN Files: ADISNEWS, AGRICOLA, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CHEMLIST, CIN, EMBASE, IFICDB, IFIPAT, IFIUDB, PROMT, TOXCENTER, USPAT2, USPATFULL  
Other Sources: EINECS\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*  
2060 REFERENCES IN FILE CA (1907 TO DATE)  
17 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
2075 REFERENCES IN FILE CAPLUS (1907 TO DATE)

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	13	kahne and murg	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 09:51
L4	2	L3 and competitive	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 09:58
L5	5961	acetylglucosaminyltransferase or acetylmuramoylpentapeptide or (murg near5 (enzyme or protein\$2 or glycosyltransferase )) or glucosyltransferase or (carbohydrate near2 transferase) or glycosyltransferase or transglycosidase or transglycosylase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 09:55
L6	31	L5 same (competitive near3 inhibit\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 09:57
L7	1	L5 same (donor near3 displac\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 09:58
L8	733	L5 same inhibitor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 09:58
L9	306	L8 same bind\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 09:59
L10	8	L9 same competitive	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/06/28 09:59